|   | Index of Claims |                            |              |          |          |         |                   |                            |            |          |   |       |                     | Application/Control No.                          |                  |          |              |               |           |         |                     |          | Applicant(s)/Patent under Reexamination |            |                   |          |               |              |          |  |           |           |   |   |
|---|-----------------|----------------------------|--------------|----------|----------|---------|-------------------|----------------------------|------------|----------|---|-------|---------------------|--|------------------|----------|--------------|---------------|-----------|---------|---------------------|----------|---|------------|-------------------|----------|---------------|--------------|----------|--|-----------|-----------|---|---|
|   |                 |                            |              |          |          |         |                   |                            |            |          |   |       | 09/011,797          |  |                  |          |              |               |           |         |                     |          | PARMENTIER ET AL.                       |            |                   |          |               |              |          |  |           |           |   |   |
|   |                 |                            |              |          |          |         |                   |                            |            |          |   |       |                     | Examiner   |                  |          |              |               |           |         |                     |          |   | Art Unit   |                   |          |               |              |          |  | <u> </u>  |           |   |   |
|   |                 |                            |              |          |          |         |                   |                            |            |          |   |       |                     |  | Joseph F. Murphy |          |              |               |           |         |                     |          |   |            | 1646              |          |               |              |          |  |           |           |   |   |
|   |                 |                            |              |          |          |         |                   |                            |            |          |   |       |                     |  |                  |          |              |               |           |         |                     |          |   |            |                   |          |               |              |          |  |           |           |   |   |
|   | √ Rejected      |                            |              |          |          |         |                   | - (Through numer Cancelled |            |          |   |       | nera<br>d           | al) Non-Elected                                  |                  |          |              |               |           | А       | Appeal              |          |   |            |                   |          |               |              |          |  |           |           |   |   |
|   | = Allowed       |                            |              |          |          |         | ÷                 |                            | Restricted |          |   |       |                     |  |                  | ı        | Interferen   |               | ICE       |         | О                   | Objected |   |            |                   |          |               |              |          |  |           |           |   |   |
|   | Claim Date      |                            |              |          |          | ر<br>م  |                   |                            |            |          |   |       |                     |  |                  | ate      | _            |               |           |         | .CI                 | aim      | T .                                     | Date       |                   |          |               |              |          |  |           |           |   |   |
|   |                 |                            |              |          |          |         |                   |                            | T          | $\dashv$ |   |       | _ 1                 |  |                  |          |              | T             | Т         |         | П                   |          |   |            | $\vdash$ $\vdash$ | Date     |               |              | П        |  |           |           |   |   |
|   | Final           | Original                   |              |          |          |         |                   |                            |            |          |   | Final | Original            | (027.05H   |                  |          |              |               |           |         |                     |          | Final                                   | Original   |                   |          |               |              |          |  |           |           |   |   |
|   |                 | <u> </u>                   |              | Н        | $\perp$  | -       | $\vdash$          |                            | 4          | _        |   |       | <del>5</del> 1      | ٥  | H                | 4        | $\dashv$     |               | +         | -       | -                   |          |   | 101        | $\vdash \vdash$   | $\perp$  | +             | +            | ╀        |  | -         | 4         |   |   |
|   |                 | 2                          | H            | H        | +        | +       |                   | $\dashv$                   | $\dashv$   | $\dashv$ |   |       | 52                  | $\vdash$   | H                | $\dashv$ | $\dashv$     | +             | $\dashv$  | +       | $\Box$              |          |   | 102        | $\vdash$          | -        | +-            | +            | $\vdash$ | Н  | $\dashv$  | 1         |   |   |
|   |                 | 3                          |              |          | $\perp$  |         |                   |                            | _          |          |   |       | <b>\$</b> 3         |  |                  | 1        | 1            | ightharpoonup | 1         |         |                     |          |   | 103        | П                 |          | Ţ             | $\perp$      |          |  |           |           |   |   |
|   |                 | 4                          | 1            | $\dashv$ | +        |         | +                 |                            | $\dashv$   | $\dashv$ |   |       | 54<br>55            | -  | Н                | $\dashv$ | +            | +             | +         | +       | H                   |          |   | 104<br>105 | $\vdash$          | +        | +             | +            | $\vdash$ |  | +         | $\dashv$  |   |   |
| , |                 | ď                          | T            | Ħ        | +        |         |                   |                            | 1          |          |   |       | \$6                 |  |                  | $\dashv$ | $\top$       | +             | $\top$    |         |                     |          |   | 106        |                   |          |               | 士            |          |  | $\exists$ |           |   |   |
|   |                 | 1                          |              |          |          |         |                   |                            |            |          |   |       | 57                  |  |                  |          |              |               | $\bot$    | $\perp$ |                     |          |   | 107        | П                 | $\Box$   | ightharpoonup | $oxed{\Box}$ |          |  | $\dashv$  |           |   |   |
|   |                 | 9                          | -            | $\dashv$ | -        | -       | -                 | Н                          | -          | $\dashv$ |   |       | 58<br>59            | $\vdash$   | $\vdash\vdash$   | $\dashv$ | +            | +             | +         | +       |                     |          |   | 108<br>109 | $\vdash$          | -        | +             | ╁            | ╄        | .  | $\dashv$  |           |   |   |
|   |                 | 10                         |              | $\dashv$ | $\dashv$ | $\top$  | Н                 |                            | +          | $\dashv$ |   |       | 60                  | $\vdash$   | Н                | $\dashv$ | +            | 1             | +         |         | 1                   |          |   | 110        | $\Box$            |          | +             | +            | T        |  | $\dashv$  | ┪         |   |   |
|   |                 | 11                         |              |          |          |         |                   |                            |            |          |   |       | 6                   |  |                  |          |              | 1             |           |         |                     |          |   | 111        |                   |          |               |              |          |  | $\dashv$  |           |   |   |
|   |                 | 12                         |              | $\dashv$ | -        | -       | $\vdash$          |                            | -          |          |   |       | 62<br><del>68</del> | $\vdash$   | $\vdash \vdash$  | $\dashv$ | +            | +             | +         | +       | Н                   |          |   | 112        | $\vdash$          | _        | •             | +            | _        | $\sqcup$   | $\dashv$  | 4         |   |   |
|   |                 | 13<br>14                   | $\vdash$     | $\dashv$ | +        | +       | +                 | -                          | -+         | $\dashv$ |   | 1     | 64                  | =  | $\vdash$         | $\dashv$ | +            | +             | +         |         | +                   |          |   | 113<br>114 | Н                 | +        | +             | +            | +        | $\vdash$   | +         | $\dashv$  |   |   |
|   |                 | 15                         | H            | $\Box$   | +        | +       |                   |                            | 1          | $\dashv$ |   | 2     | 65                  | =  | H                | $\dashv$ | $\forall$    | $\dagger$     | $\dagger$ |         | H                   |          |   | 115        | $\Box$            | +        | +             | +            | +        |  | +         | $\exists$ |   |   |
|   |                 | 16                         |              |          | 1        |         |                   |                            |            |          |   | 2     | 66                  | 2  |                  |          |              |               |           |         |                     |          |   | 116        |                   |          |               |              |          |  | $\Box$    |           |   |   |
|   |                 | 17                         | -            | $\sqcup$ | +        | $\perp$ | Н                 |                            | -          |          |   | 4     | 67                  | =  | $\vdash$         | 4        |              |               | 4         |         |                     |          |   | 117        | $\vdash$          | _        |               | +            | $\vdash$ |  | +         |           |   |   |
|   |                 | 18<br>19                   |              | $\dashv$ | +        | -       | $\vdash$          |                            | $\dashv$   | _        | - |       | 68<br>69            | =  |                  | +        | 4            | +             | +         | +       | $\vdash$            |          |   | 118<br>119 | ┢┈┤               | -        | +             | ╁            | +        |  |           | $\dashv$  |   |   |
|   |                 | 20<br>21                   |              |          |          |         | $\Box$            |                            |            |          |   |       | 70                  |  |                  |          |              |               |           |         |                     |          |   | 120        |                   | $\Box$   |               |              |          |  | 1         | ╛         |   | • |
|   |                 | <b>4</b> 1                 |              |          |          | $\perp$ |                   |                            | $\Box$     |          |   |       | 71                  | $oxed{oxed}$                                     |                  | $\Box$   | $\perp$      | 4             |           |         |                     |          |   | 121        | Ш                 |          | 4             | Ţ            |          |  |           | $\Box$    |   |   |
|   |                 | 22<br>24<br>25<br>26<br>27 | <del> </del> | $\vdash$ | _        |         | +                 |                            | $\dashv$   | $\dashv$ |   |       | 72<br>73            | <del>                                     </del> | -                | -        |              | +             | +         | +       | $\vdash$            |          |   | 122<br>123 |                   | $\dashv$ | +             | +            | ╀        | $\vdash \vdash$                                  | +         | $\dashv$  |   |   |
|   |                 | 43                         | +            | $\vdash$ | -        | -       | H                 | $\dashv$                   | $\dashv$   | $\dashv$ |   |       | 74                  |  | $\vdash$         | $\dashv$ | +            | +             | +         | +       | $\vdash$            |          |   | 123        |                   | $\dashv$ | +             | +            | $\vdash$ |  | +         | $\dashv$  |   | • |
|   |                 | 25                         |              |          | $\top$   |         |                   |                            | $\dashv$   | T        |   |       | 75                  |  |                  |          | 1            | $\dagger$     | T         | $\top$  | П                   |          |   | 125        |                   | $\top$   | $\top$        | $\dagger$    | T        |  | $\top$    | $\neg$    |   |   |
|   |                 | 26                         |              |          | 4        | _       | Ш                 | $\Box$                     | $\perp$    | $\Box$   |   |       | 76                  |  |                  |          | $\perp$      | $\perp$       | $\perp$   | _       |                     |          |   | 126        | Ш                 | $\perp$  |               | $\downarrow$ | <u> </u> |  | $\perp$   | _         |   |   |
|   |                 | 27                         | $\vdash$     | $\vdash$ | +        | -       | Н                 | $\vdash$                   | $\dashv$   | -        |   |       | 77<br>78            |  | $\vdash\vdash$   | $\dashv$ | +            | +             | +         | +       | Н                   |          |   | 127<br>128 | Н                 | $\dashv$ | +             | ╀            | ╀        | $\vdash$   | -         | $\dashv$  |   |   |
|   |                 | 28<br>29                   | -            | -        | +        | +-      | Н                 |                            | 十          |          |   |       | 79                  | $\vdash$   | $\vdash$         | $\dashv$ | -            | +             | +         | +       | Н                   |          |   | 129        | $\vdash$          | +        | +             | +            | ╁╌       | $\vdash$   | $\dashv$  | $\dashv$  |   |   |
|   |                 | 3D<br>31                   |              |          |          |         |                   |                            |            |          |   |       | 80                  |  |                  |          |              | I             |           |         |                     |          |   | 130        |                   |          |               |              |          |  |           |           |   |   |
|   |                 | 31                         |              |          |          |         |                   |                            | 4          |          |   |       | 81                  |  |                  |          | _            | $\downarrow$  | 1         |         |                     |          |   | 131        |                   |          | _             | . _          |          |  | _         |           |   |   |
|   | _               | 32<br>33                   | $\vdash$     | $\dashv$ | +        | +       | $\vdash$          |                            | $\dashv$   | $\dashv$ |   |       | 82<br>83            | ┝  | $\vdash$         | $\dashv$ | $\dashv$     | +             | +         |         | $\vdash$            |          |   | 132<br>133 | $\vdash$          | -+       | +             | ╀            | ╀        | $\vdash$   | $\dashv$  |           |   |   |
|   |                 | 3                          |              | H        | +        | +       | $\vdash$          |                            | $\dashv$   | $\dashv$ |   |       | 84                  | <del>  -</del>                                   | ╁╌┪              | -+       | +            | +             | +         | +-      | ╁─┤                 |          |   | 134        | ╁┤                | $\dashv$ | ╁             | ╁            | ╁        | <del>                                     </del> | $\dashv$  | -         |   |   |
|   |                 | 35                         |              |          |          |         |                   |                            |            |          |   |       | 85                  |  |                  |          |              | T             | T         |         |                     |          |   | 135        |                   |          |               | 工            |          |  |           |           |   |   |
|   |                 | 35                         | $oxed{oxed}$ | $\Box$   | $\perp$  | _       | $\sqcup$          |                            | 4          |          |   |       | 86                  |  | Ш                | 4        | 4            | 4             | 4         |         | Ш                   |          |   | 136        | $\sqcup$          | _        | _             | —            | ╙        |  | _         | _         |   |   |
|   |                 | 37<br>38                   | <u> </u>     |          | +        | -       | $\vdash$          |                            | +          | _        |   |       | 87<br>88            |  | H                | -        | +            | +             | +         |         | $\vdash$            |          |   | 137<br>138 | $\vdash$          | -        | +             | +            | ╀        | -  | +         |           |   |   |
|   |                 | 39                         | $\vdash$     | $\dashv$ | $\dashv$ |         | $\vdash$          | $\dashv$                   | $\dashv$   |          |   |       | 89                  |  | Н                | 十        | $^{\dagger}$ | $\dagger$     | $\dagger$ | +       | Н                   |          |   | 139        |                   | -        | +             | +            | +        |  | $\dashv$  | $\dashv$  |   |   |
|   |                 | 4φ                         |              |          |          |         |                   |                            |            |          |   |       | 90                  |  |                  |          |              |               | I         |         |                     |          |   | 140        | П                 |          |               |              |          |  |           |           |   |   |
|   |                 | 41                         | $\vdash$     | $\sqcup$ | +        | +       | $\vdash$          | Ц                          |            | _        |   |       | 91                  | $\vdash$   | dash             | 4        | +            | +             | 4         | 4-      | $\vdash \vdash$     |          |   | 141        | $\sqcup$          | $\perp$  |               | +            | ↓        | $\sqcup$   | 4         | 4         |   |   |
|   |                 | 42<br>43                   | $\vdash$     | $\dashv$ | $\dashv$ | +       | $\vdash$          | $\dashv$                   | $\dashv$   | $\dashv$ |   |       | 92<br>93            | -  | $\vdash \vdash$  | +        | +            | +             | +         | +       | $\vdash$            |          |   | 142<br>143 | ╁                 | +        | +             | +-           | -        | -  | +         | $\dashv$  |   |   |
|   |                 | 43<br>44                   | $\vdash$     | $\vdash$ | $\perp$  | $\top$  | H                 |                            | $\dashv$   | $\dashv$ |   |       | 94                  | 1  | $\vdash$         | $\dashv$ | +            | +             | +         | +       | $\dagger \exists$   |          |   | 144        | $\vdash$          | 十        | +             | +            | $\vdash$ | -  | $\dashv$  | $\dashv$  |   |   |
|   |                 | 45                         |              |          | 1        | 1       | П                 |                            |            |          |   |       | 95                  |  |                  |          |              | ユ             | 1         |         | П                   |          |   | 145        | П                 |          | 1             | $\perp$      |          |  |           |           |   |   |
|   |                 | 46                         | $\vdash$     |          | $\dashv$ | +-      | $\sqcup$          |                            | _          | 4        |   |       | 96                  | ļ_   | $\square$        | _        | 4            | 4             | _         | +       | $oldsymbol{\sqcup}$ |          |   | 146        | $\sqcup$          | _        |               | $\perp$      | $\vdash$ |  | 4         | 4         |   |   |
|   |                 | 47<br>48                   | $\vdash$     | $\dashv$ | +        | +       | ┼┤                | $\vdash$                   | $\dashv$   | $\dashv$ |   |       | 97<br>98            | ļ  | $\vdash \vdash$  | +        | +            | +             | +         | +       | $\vdash \vdash$     |          |   | 147<br>148 | $\vdash$          | +        | +             | +            | $\vdash$ | $\vdash$   | +         | $\dashv$  |   |   |
|   |                 | 49                         | Н            | $\dashv$ | $\dashv$ | +       | $\dagger \dagger$ | $\dashv$                   | -          | $\dashv$ |   |       | 99                  |  | H                | $\dashv$ | +            | +             | +         | +-      | $\vdash \vdash$     |          |   | 149        |                   | $\dashv$ | +             | +            |          | $\vdash$   | +         | $\dashv$  | • |   |
|   |                 | 50                         |              |          |          |         |                   |                            | $\Box$     |          |   |       | 100                 |  |                  |          |              |               |           |         |                     |          |   | 150        |                   | 工        |               |              |          |  |           |           |   |   |